

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application:

LISTING OF CLAIMS:

1. (Currently Amended) Within a document server, a computer-implemented method for processing a request for a document comprising at least one hypertext markup language (HTML) element, the method comprising:

 parsing the requested document to generate therefrom a corresponding document object model (DOM) including at least one object;

 obtaining a transformation instruction directed to a first object of the DOM, the first object having a value;

 transforming the first object by changing the value thereof in accordance with the transformation instruction; and

 flattening the DOM to generate therefrom a corresponding transformed document.

2. (Original) The method of claim 1, wherein the obtaining step comprises:

 reading a transformation instruction from a script file corresponding to the requested document.

3. (Original) The method of claim 2, further comprising:

 receiving a request for a document from a client program; and

identifying a script file within the document server corresponding to the requested document.

4. (Original) The method of claim 3, wherein the client program comprises a Web browser.

5. (Original) The method of claim 2, further comprising:
receiving a request for a script file from a client program; and
identifying a document within the document server corresponding to the requested script file.

6. (Original) The method of claim 2, wherein the script file is included within a separate portion of the document.

7. (Original) The method of claim 2, wherein the script file and the document comprise logically separate data files.

8. (Original) The method of claim 1, further comprising:
transmitting the transformed document to a client program.

9. (Currently Amended) The method of claim 1, wherein the transforming step comprises:

retrieving a database value from a database; and
assigning the database value to an object of the DOM.

10. (Original) The method of claim 1, wherein the transforming step comprises:
replacing a first object of the DOM with a different second object.

11. (Currently Amended) A system for processing a request for a document comprising at least one hypertext markup language (HTML) element, the system comprising:

a parsing module configured to parse a requested document to generate therefrom a corresponding document object model (DOM) including at least one object;

an instruction obtaining module configured to obtain a transformation instruction directed to a first object of the DOM, the first object having a value;

an object transformation module configured to transform the first object by changing the value thereof in accordance with the transformation instruction; and

a flattening module configured to flatten the DOM to generate therefrom a corresponding transformed document.

12. (Original) The system of claim 11, wherein the instruction module comprises:
a script file access module configured to read a transformation instruction from a script file corresponding to the requested document.

13. (Original) The system of claim 12, further comprising:

a request reception module configured to receive a request for a document from a client program and identify a script file corresponding to the requested document.

14. (Original) The system of claim 13, wherein the client program comprises a Web browser.

15. (Previously Presented) The system of claim 12, further comprising:
a request reception module configured to receive a request for a script file from a client program and to identify a document corresponding to the requested script file.

16. (Original) The system of claim 12, wherein the script file is included within a separate portion of the document.

17. (Original) The system of claim 12, wherein the script file and the document comprise logically separate data files.

18. (Original) The system of claim 11, further comprising:
a transmission module configured to transmit the transformed document to a client program.

19. (Currently Amended) The system of claim 11, wherein the object transformation module comprises:

a database query module configured to retrieve a database value from a database; and
a value assignment module configured to assign the database value to an object of the
DOM.

20. (Original) The system of claim 11, wherein the object transformation module
comprises:

an element replacement module configured to replace a first object of the DOM with a
different second object.

21. (Currently Amended) An article of manufacture comprising a program storage
medium readable by a processor and embodying one or more instructions executable by the
processor to perform a computer-implemented method for processing a request for a document
comprising at least one hypertext markup language (HTML) element, the method comprising:

parsing the requested document to generate therefrom a corresponding document object
model (DOM) including at least one object;

obtaining a transformation instruction directed to a first object of the DOM, the first
object having a value;

transforming the first object by changing the value thereof in accordance with the
transformation instruction; and

flattening the DOM to generate therefrom a corresponding transformed document.

22. (Original) The article of manufacture of claim 21, wherein the obtaining step comprises:

reading a transformation instruction from a script file corresponding to the requested document.

23. (Original) The article of manufacture of claim 22, the method further comprising: receiving a request for a document from a client program; and

identifying a script file corresponding to the requested document.

24. (Original) The article of manufacture of claim 23, wherein the client program comprises a Web browser.

25. (Original) The article of manufacture of claim 22, the method further comprising: receiving a request for a script file from a client program; and identifying a document corresponding to the requested script file.

26. (Original) The article of manufacture of claim 22, wherein the script file is included within a separate portion of the document.

27. (Original) The article of manufacture of claim 22, wherein the script file and the document comprise logically separate data files.

28. (Original) The article of manufacture of claim 21, the method further comprising:

transmitting the transformed document to a client program.

29. (Currently Amended) The article of manufacture of claim 21, wherein the
transforming step comprises:

retrieving a database value from a database; and

assigning the database value to an object of the DOM.

30. (Original) The article of manufacture of claim 21, wherein the transforming step
comprises:

replacing a first object of the DOM with a different second object.

31. (Previously Presented) The method of claim 2, wherein the first object is an HTML
file.

32. (Previously Presented) The system of claim 12, wherein the first object is an HTML
file.

33. (Previously Presented) The article of manufacture of claim 22, wherein the first
object is an HTML file.

34. (Previously Presented) The method of claim 2, wherein the transformation instruction is read from a script file located separately from the first object.

35. (Previously Presented) The system of claim 12, wherein the transformation instruction is read from a script file located separately from the first object.

36. (Previously Presented) The article of manufacture of claim 22, wherein the transformation instruction is read from a script file located separately from the first object.

37. (Previously Presented) The method of claim 2, wherein:
the first object is an HTML file;
the transformation instruction is read from a script file located separately from the HTML file; and
the HTML file and the script file contain information to indicate their correspondence to each other.

38. (Previously Presented) The system of claim 12, wherein:
the first object is an HTML file;
the transformation instruction is read from a script file located separately from the HTML file; and
the HTML file and the script file contain information to indicate their correspondence to each other.

39. (Previously Presented) The article of manufacture of claim 22, wherein:
the first object is an HTML file;
the transformation instruction is read from a script file located separately from the HTML
file; and
the HTML file and the script file contain information to indicate their correspondence to
each other.

40. (New) The method of claim 1, wherein the document and the corresponding
transformed document are in the same format.

41. (New) The method of claim 40, wherein the same format is HTML.

42. (New) The method of claim 1, wherein the value is changed in accordance with
different users.

43. (New) The method of claim 1, wherein the value is a variable.

44. (New) The method of claim 1, wherein the value of the first object is empty before
the first object is transformed.

45. (New) The system of claim 11, wherein the document and the corresponding transformed document are in the same format.

46. (New) The method of claim 45, wherein the same format is HTML.

47. (New) The method of claim 11, wherein the value is changed in accordance with different users.

48. (New) The method of claim 11, wherein the value is a variable.

49. (New) The method of claim 11, wherein the value of the first object is empty before the first object is transformed.

50. (New) The article of manufacture of claim 21, wherein the document and the corresponding transformed document are in the same format.

51. (New) The article of manufacture of claim 50, wherein the same format is HTML.

52. (New) The article of manufacture of claim 21, wherein the value is changed in accordance with different users.

53. (New) The article of manufacture of claim 21, wherein the value is a variable.

54. (New) The article of manufacture of claim 21, wherein the value of the first object is empty before the first object is transformed.